

ABSTRACT

A DNA containing a base sequence encoding an amino acid sequence represented by SEQ ID NO:4 or <sup>6</sup>5 in Sequence Listing, which optionally has partial replacement, deletion or addition, 5 or a base sequence hybridizable therewith; a recombinant vector containing this gene; a transformant constructed by using this vector; a process for producing adseverin by using the above-mentioned gene; a recombinant adseverin protein obtained by this production process; an oligonucleotide hybridizable 10 specifically with a base sequence encoding an amino acid sequence represented by SEQ ID NO:4 or <sup>6</sup>5; a method for regulating the formation of adseverin in an animal which comprises administering the above-mentioned oligonucleotide to the animal; and an antibody capable of recognizing adseverin 15 protein.